

MOVING MAP DISPLAY

1. For the proposed resolution of 200 lines per inch (of a 20" x 24" map) and full color, or at least 3 colors, how many square inches of holographic recording ^{are} necessary? How many records per unit?

2. How would you propose making the map? At what copy input size for a 20" x 24"?

Would latent work at half size

3. How much energy is required to produce master latent image?

10 mw - 2 seconds how

50 mw -

2 W now available

4. What screen display size do you have in mind?

17x17 planes - 1000 lines

5. How would you zoom - the map? - the data?

6. What would the screen resolution be?

7. What are the cost projections for making the moving map master versus film master?

8. What optical problems do you anticipate in producing the master?

9. Environmental problems (vibration, dust)?

quasi focus technique reduces vibration problems

10. What are the registration problems (data to map)?

11. System development costs and availability?